

1/45

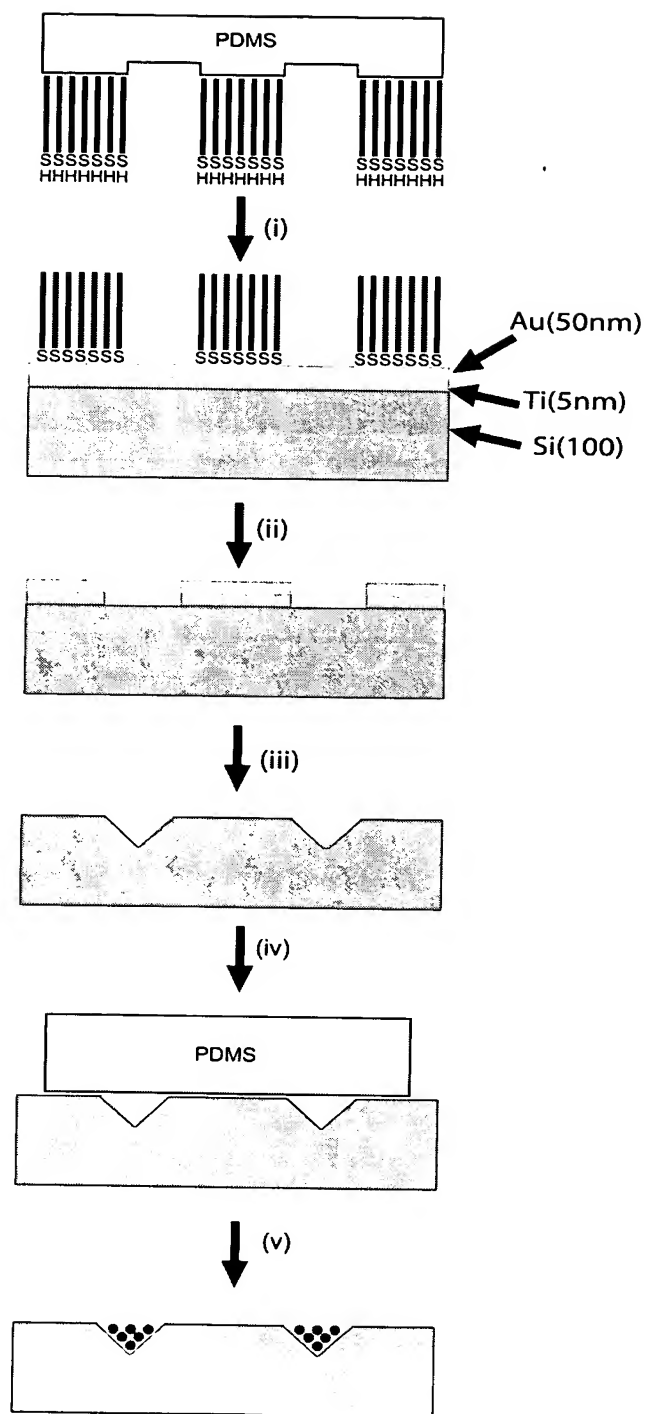
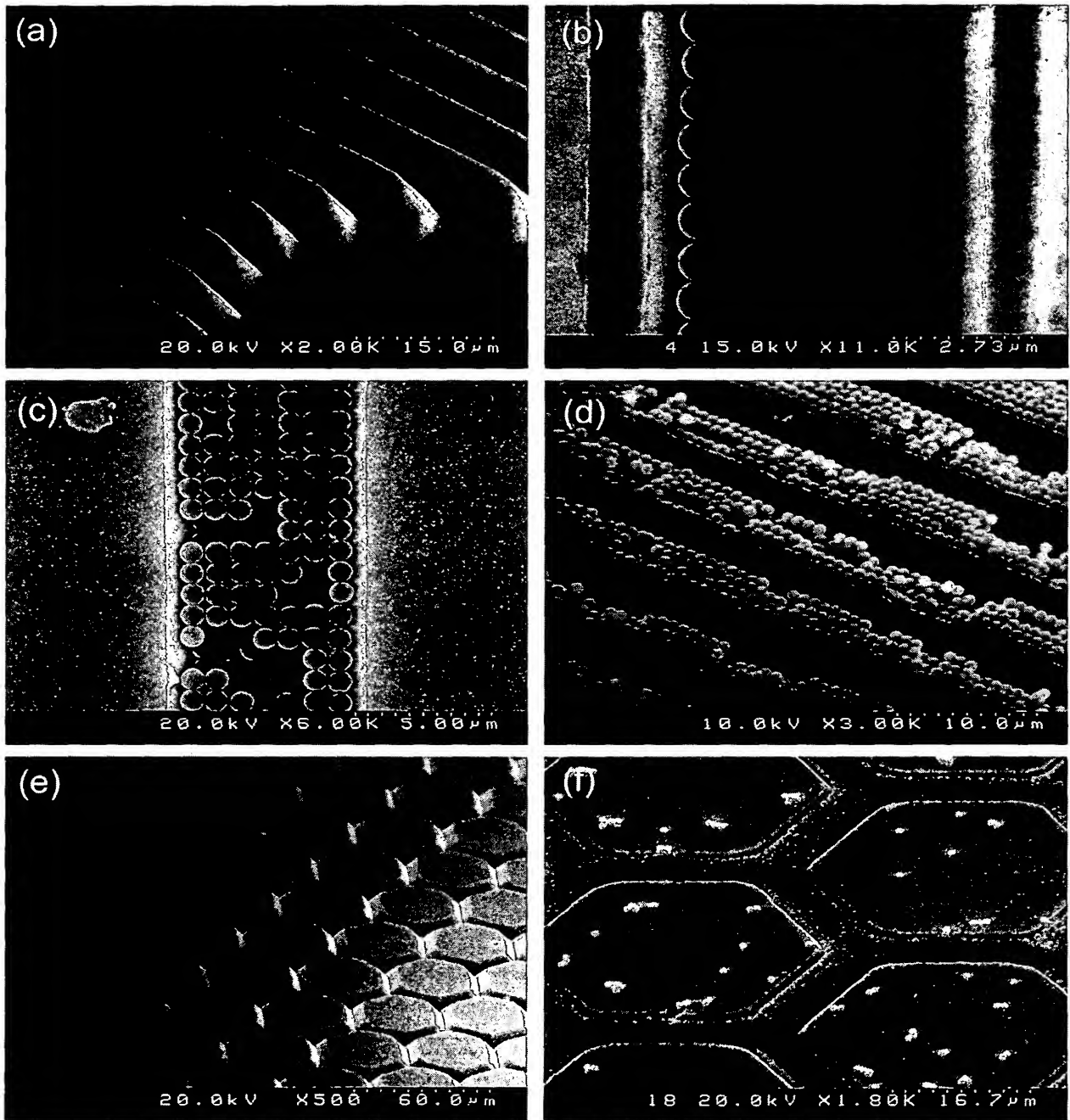


Figure 1



Figures 1(a) to (f)

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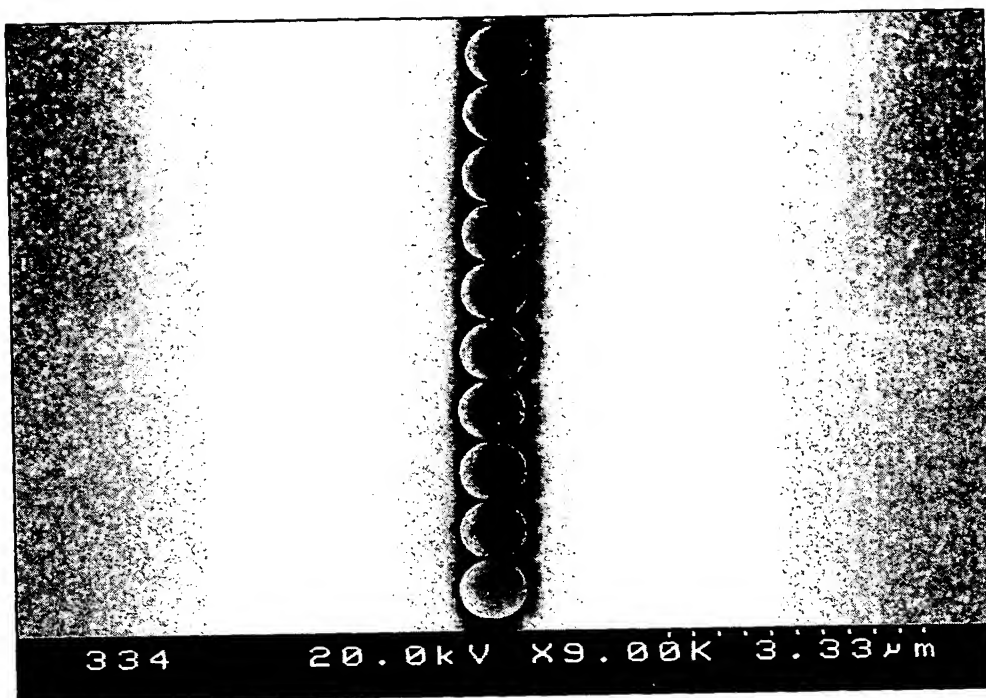


Figure 2

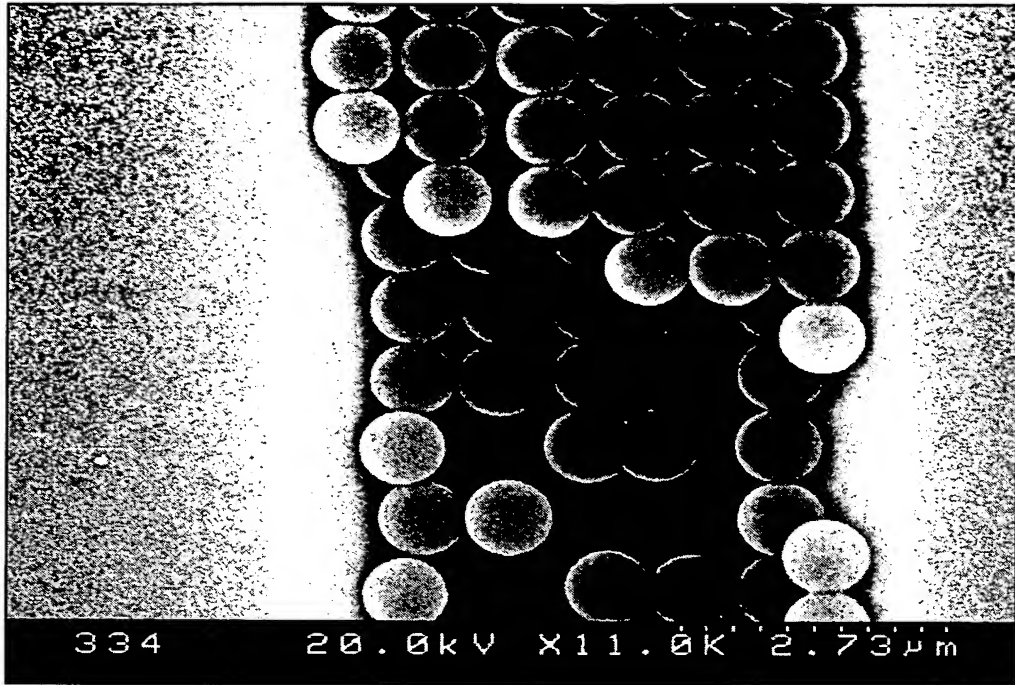


Figure 2b

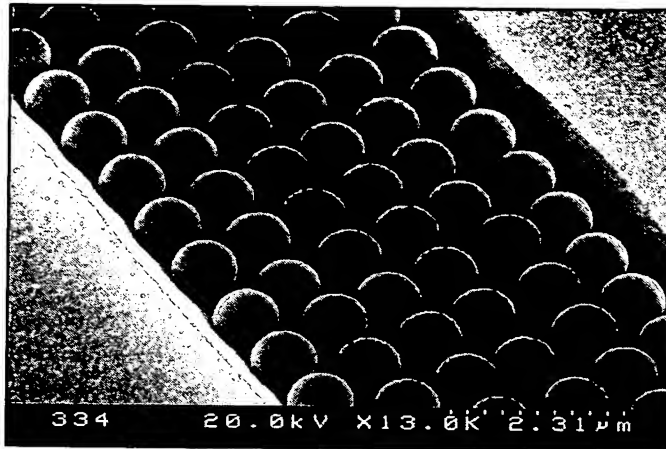


Figure 3a

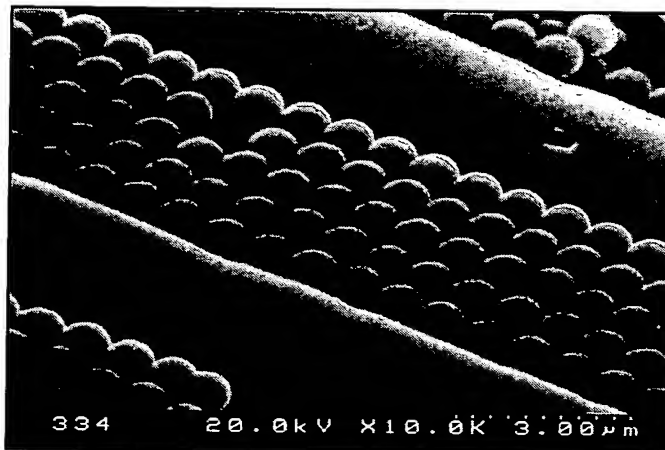


Figure 3b

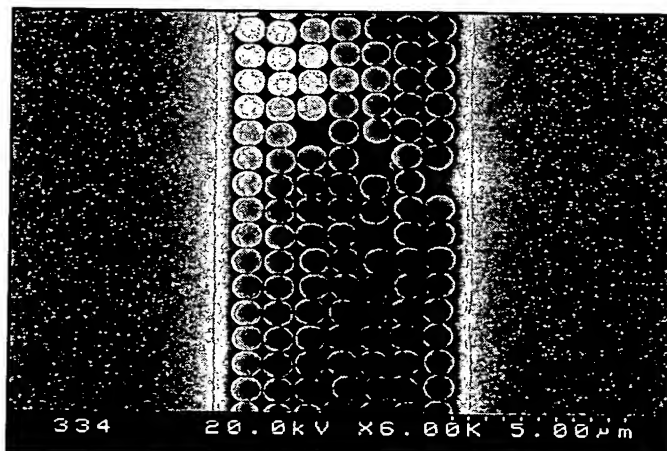


Figure 3c

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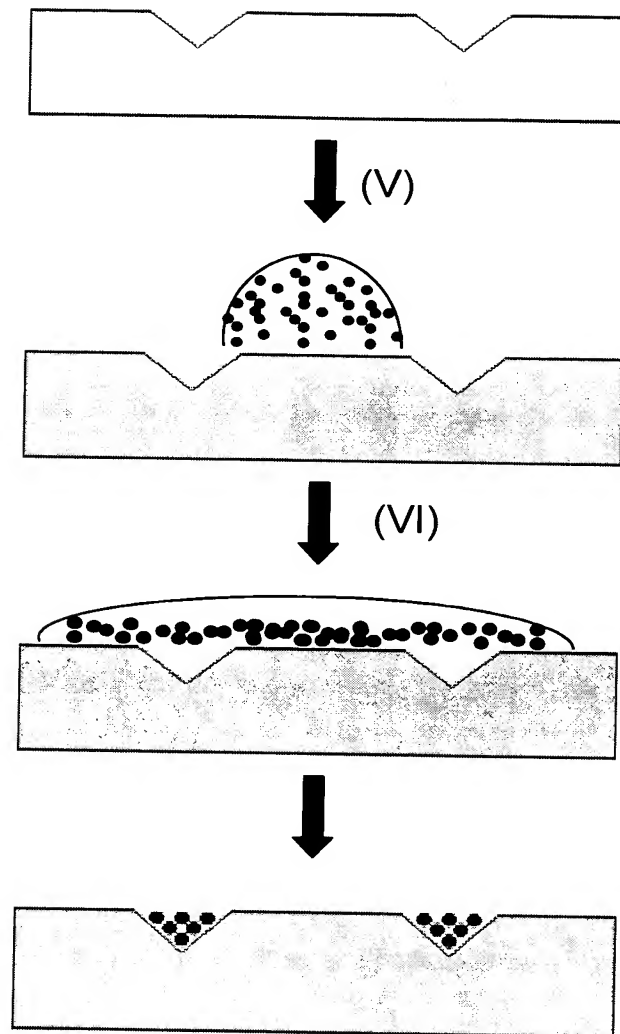


Figure 4

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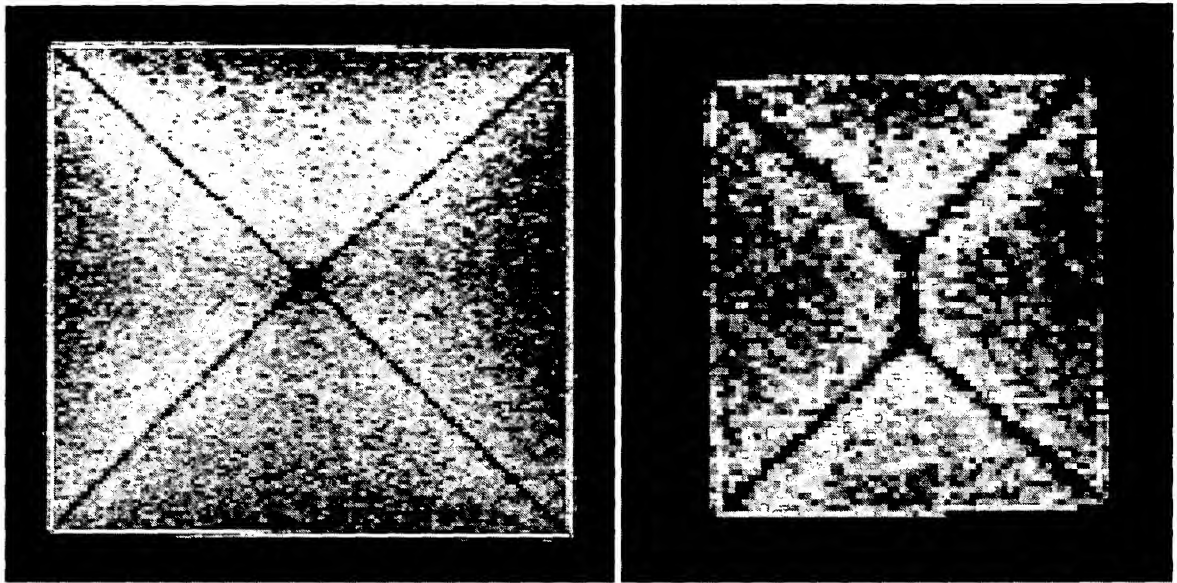


Figure 4a

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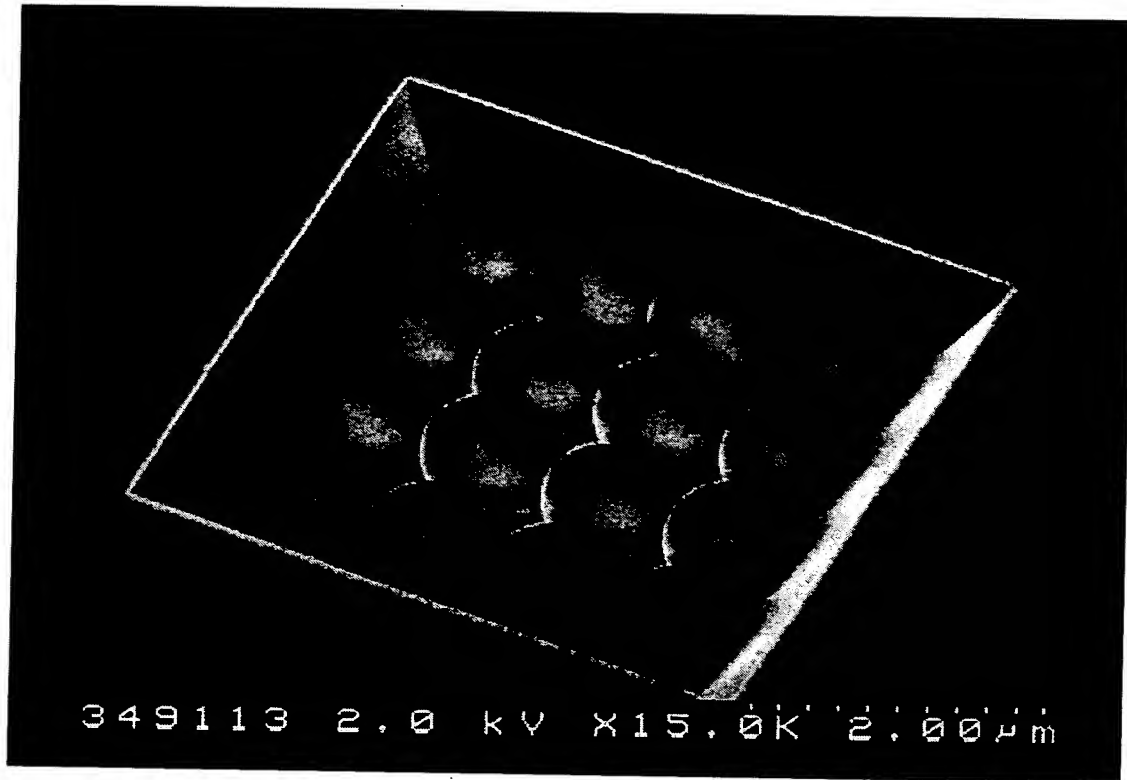


Figure 4b

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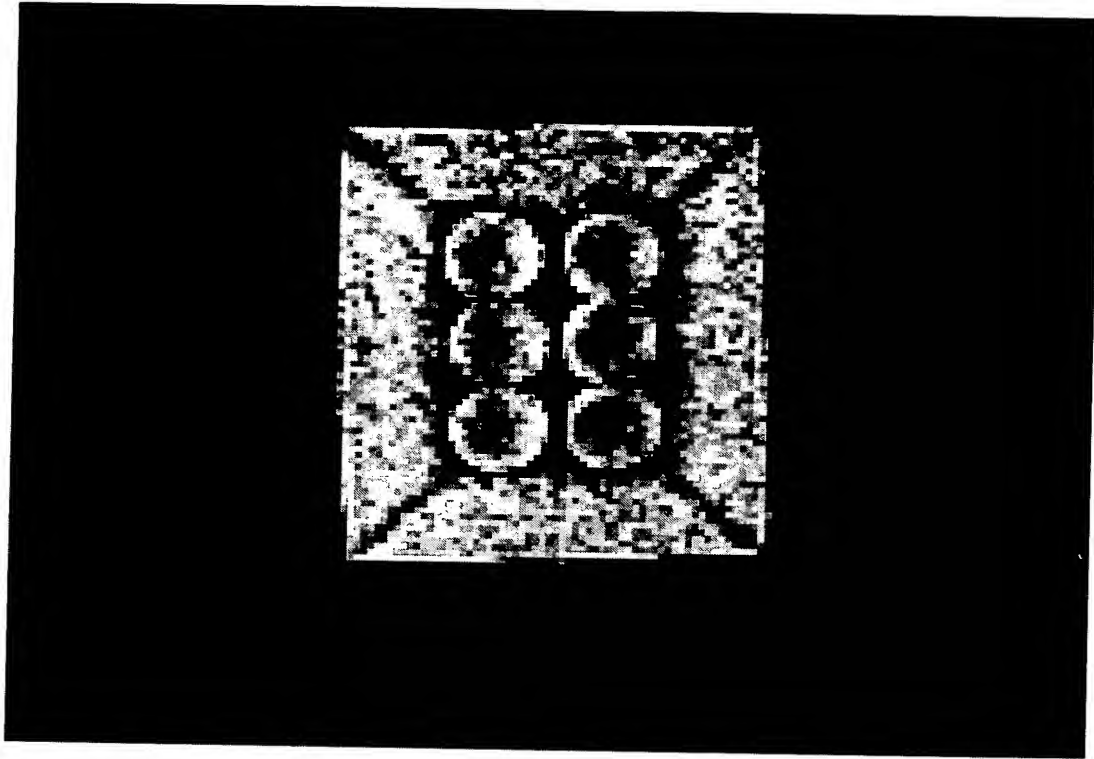


Figure 4c

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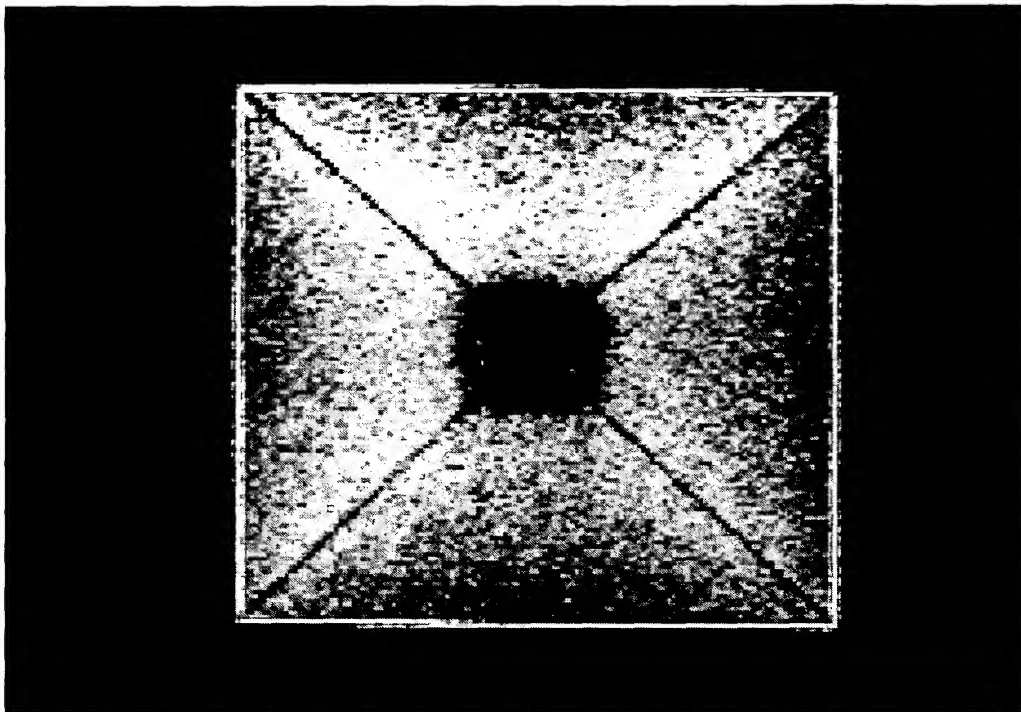


Figure 5a

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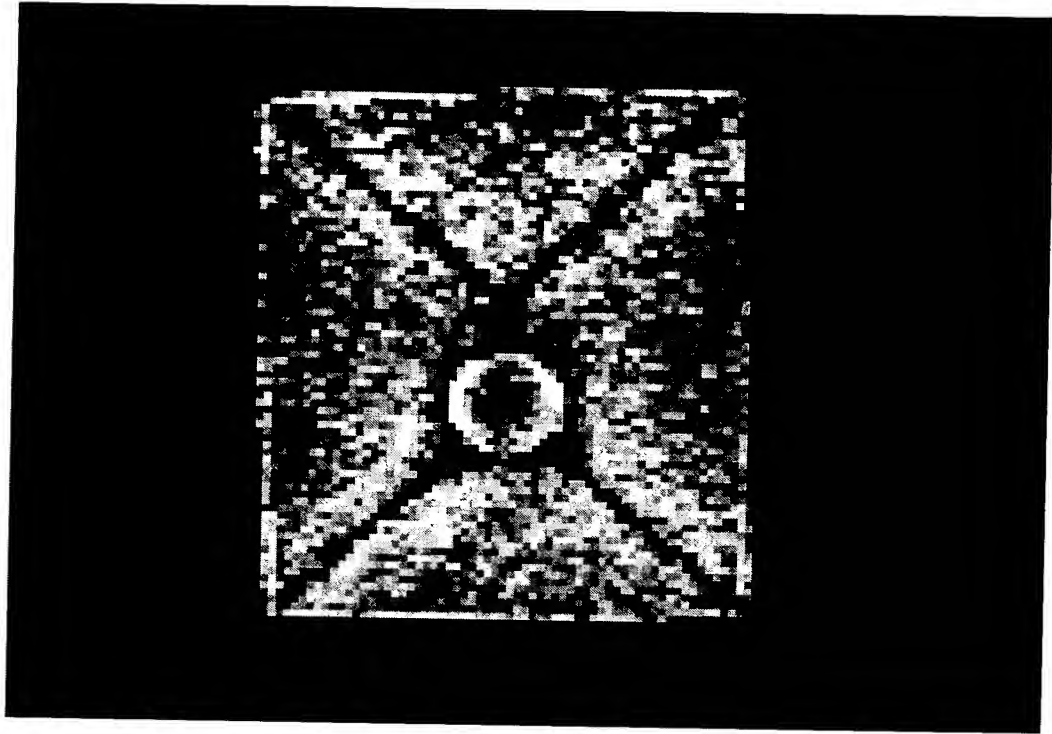


Figure 5b

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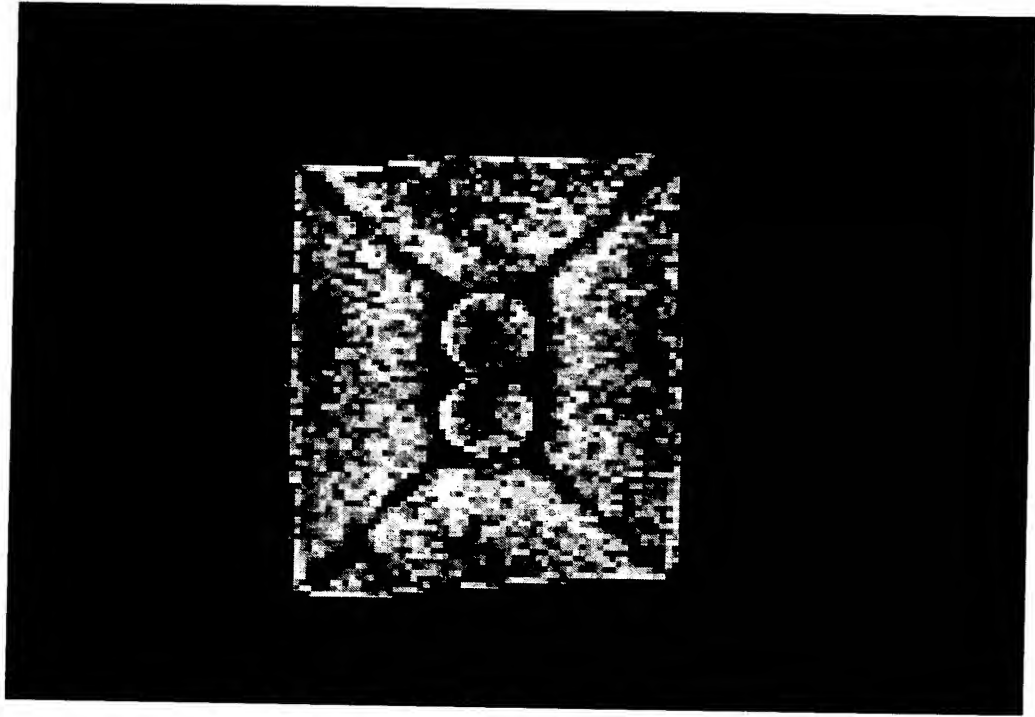


Figure 5c

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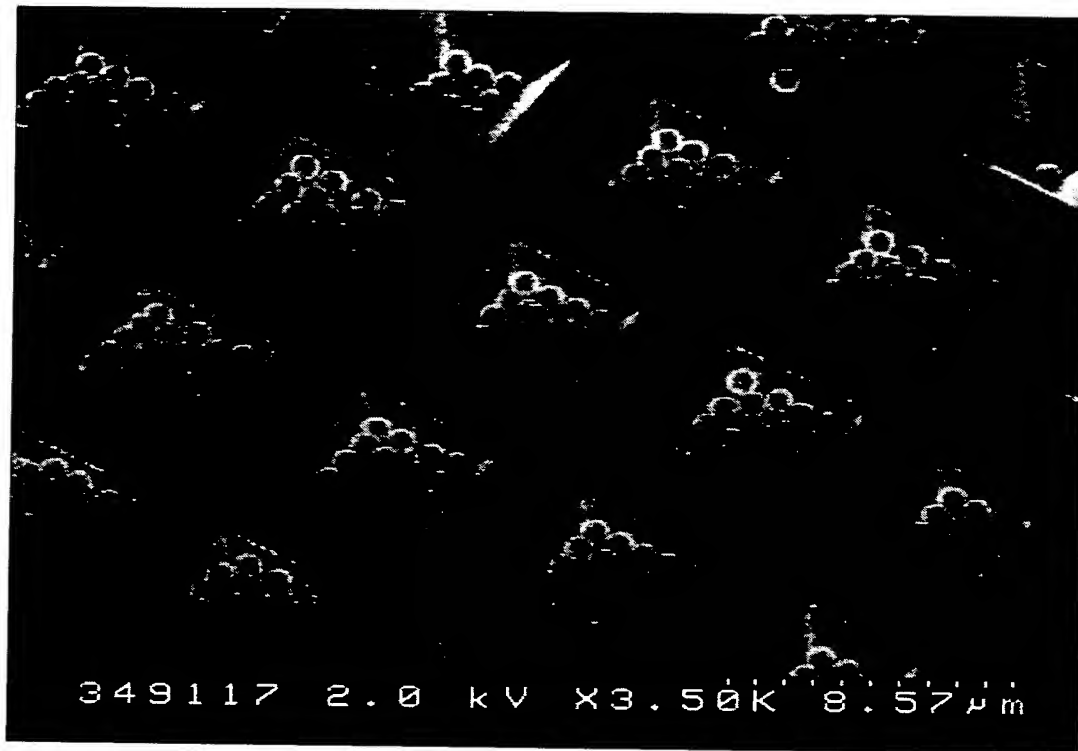


Figure 6a

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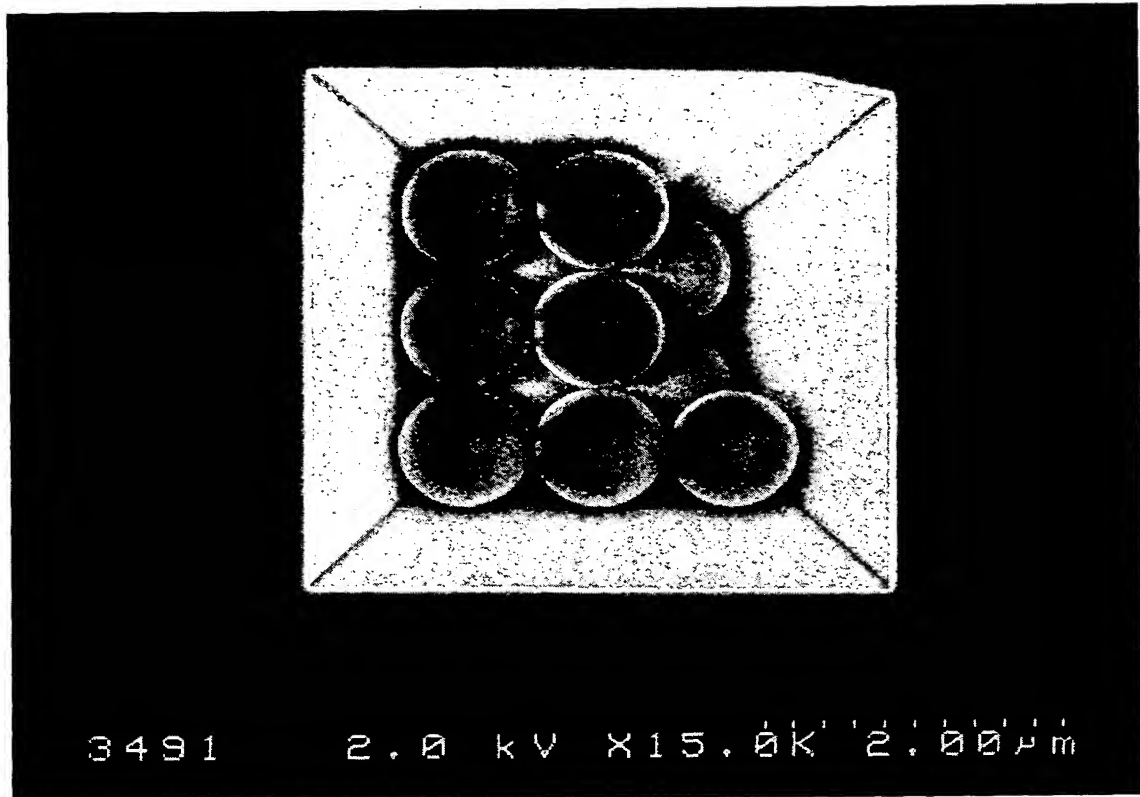


Figure 6b

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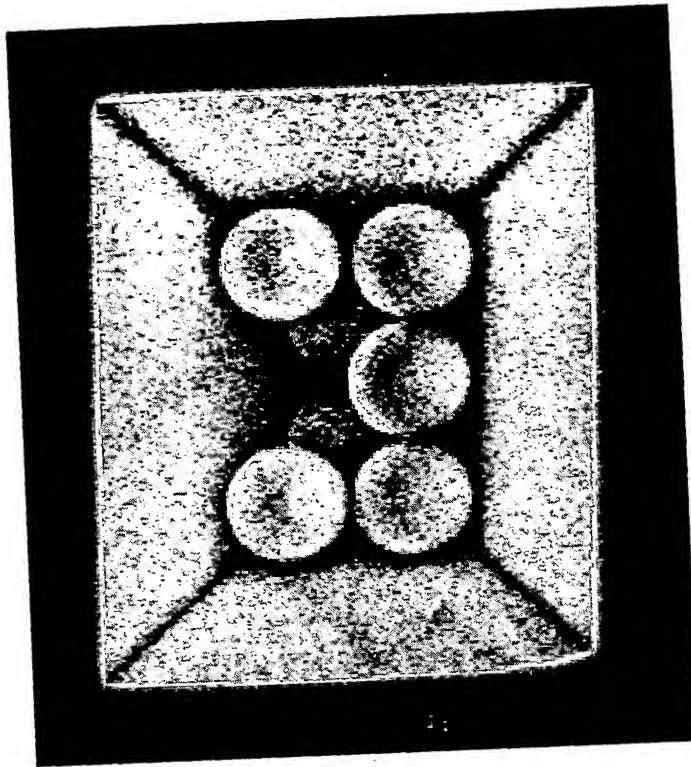
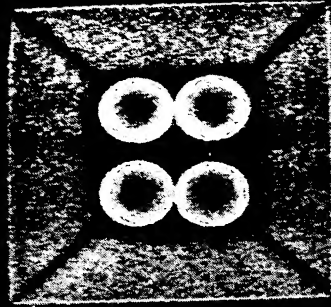
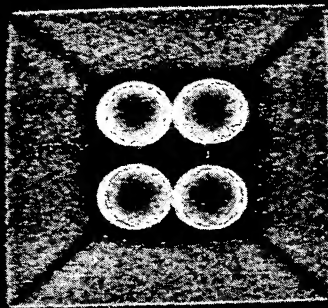


Figure 6c

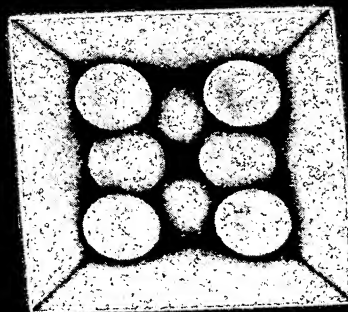
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3493 1 5.0 kV X15.0K 2.00µm



3493 1 5.0 kV X15.0K 2.00µm



3495 5.0 kV X15.0K 2.00µm

Figure 7

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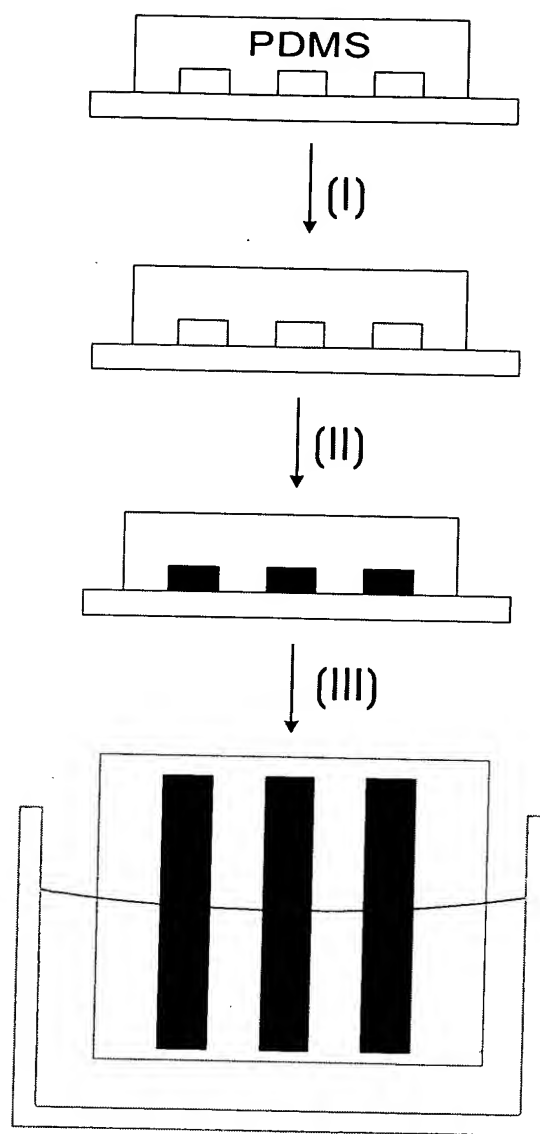


Figure 8

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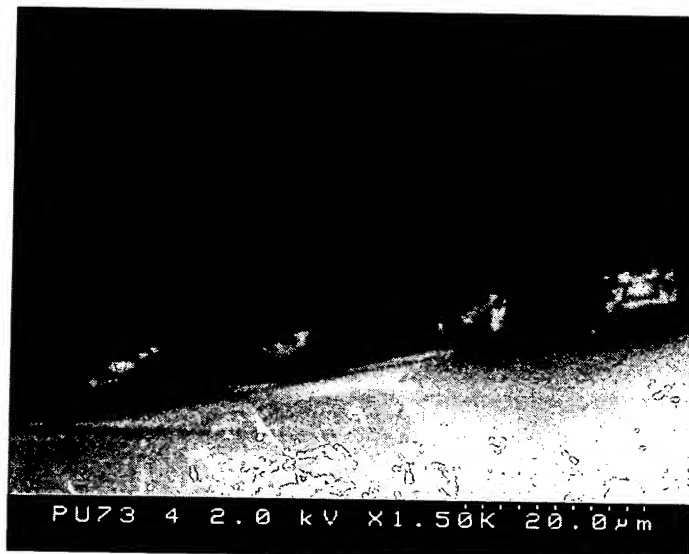
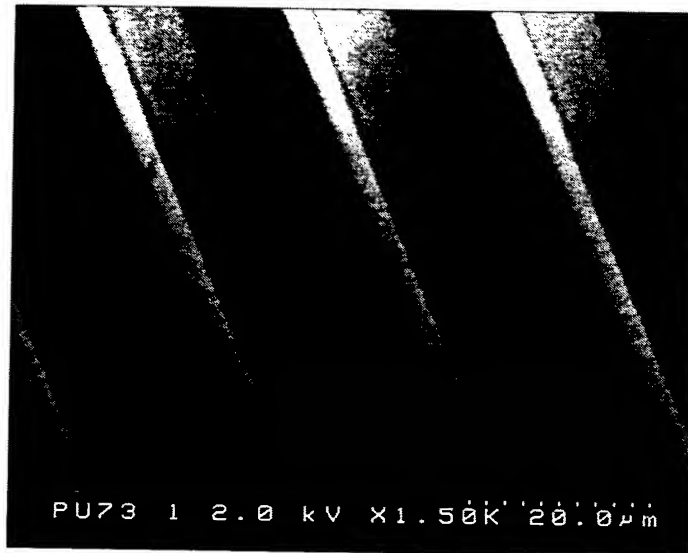


Figure 9a

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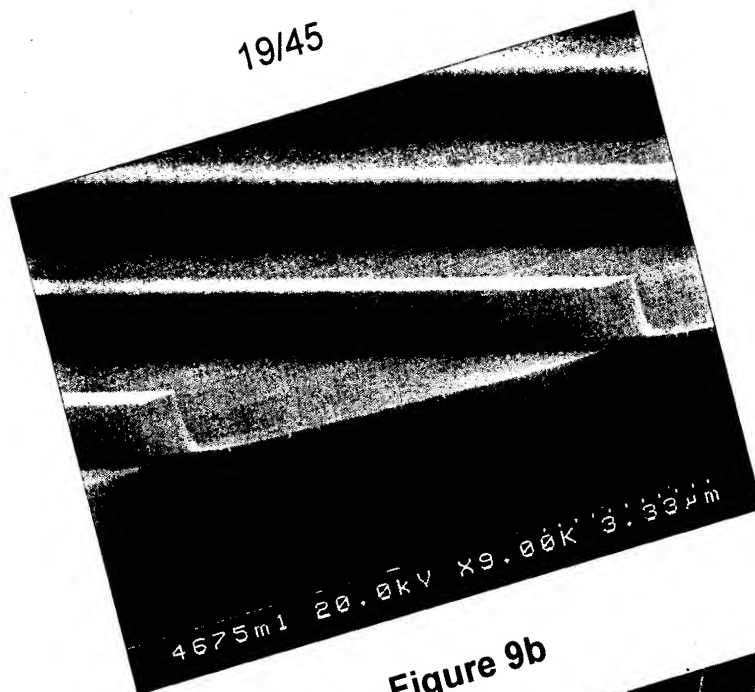


Figure 9b

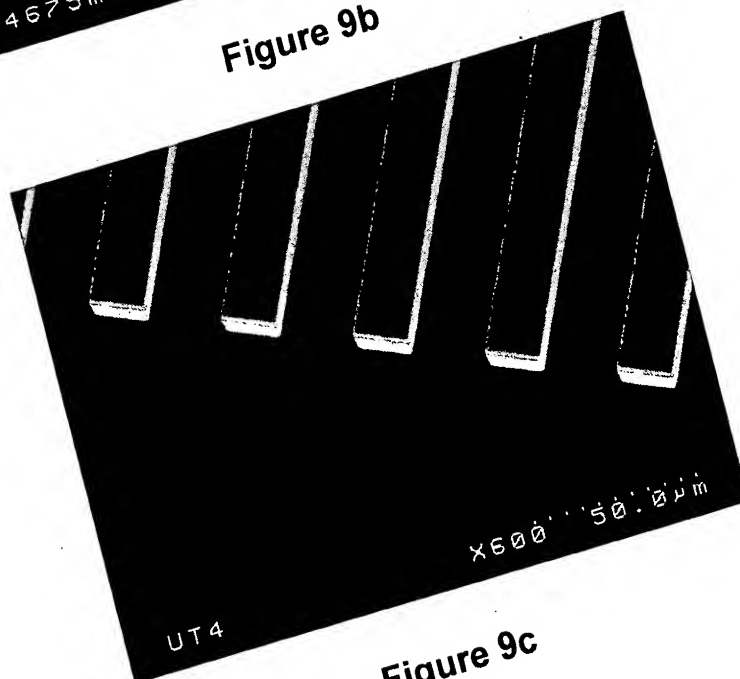


Figure 9c

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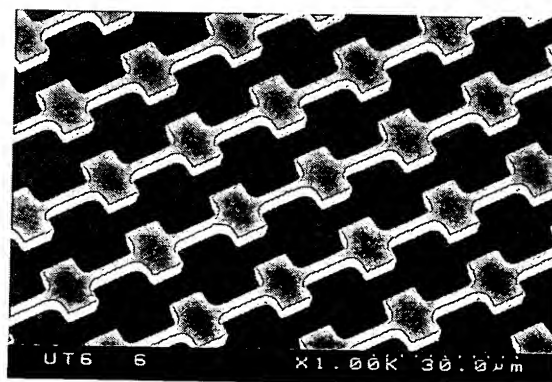
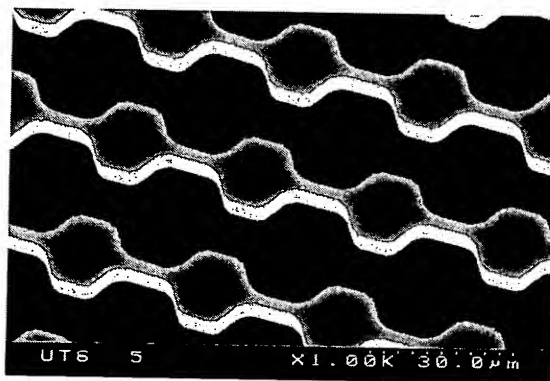
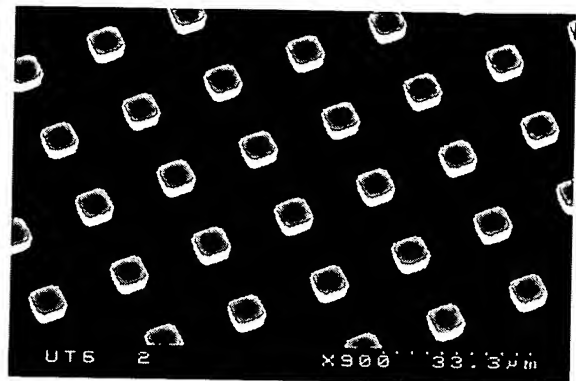
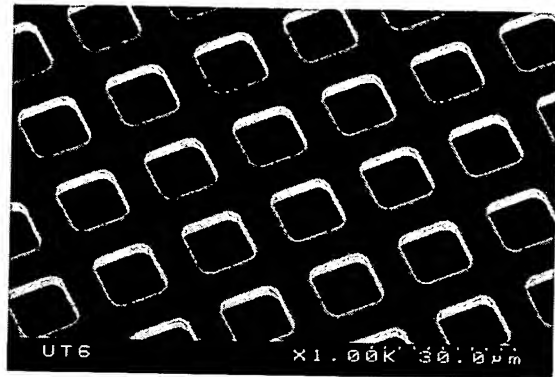


Figure 9d

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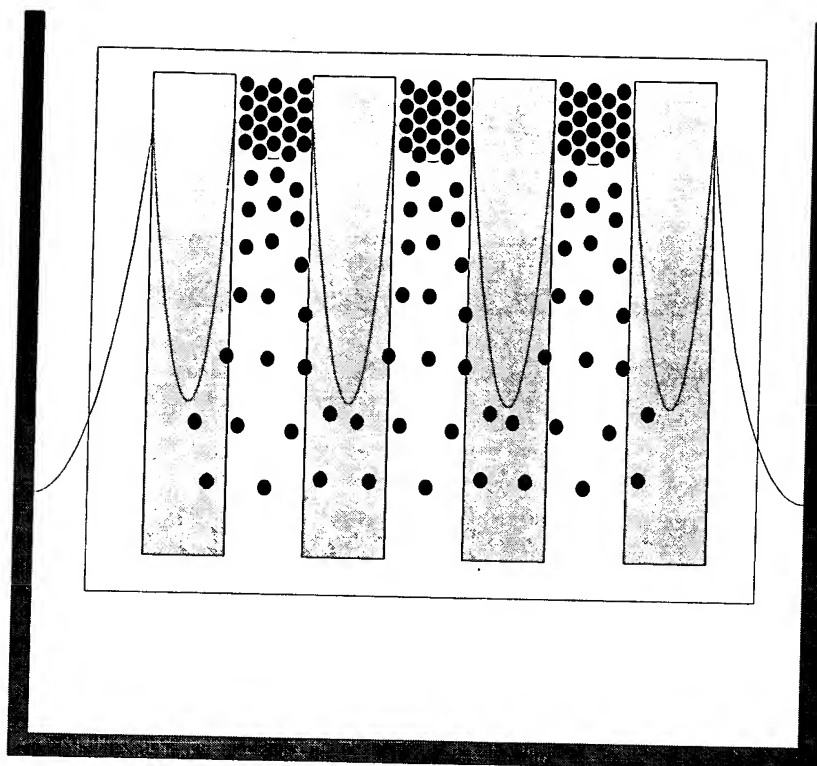


Figure 10

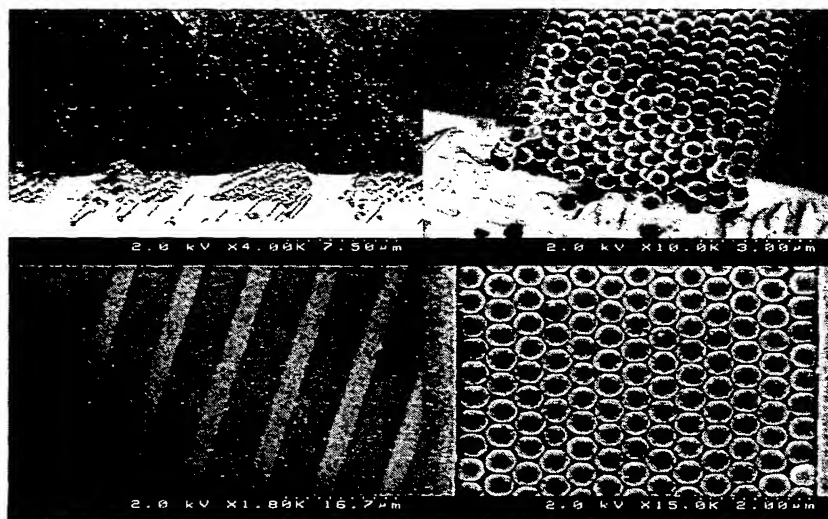


Figure 11a

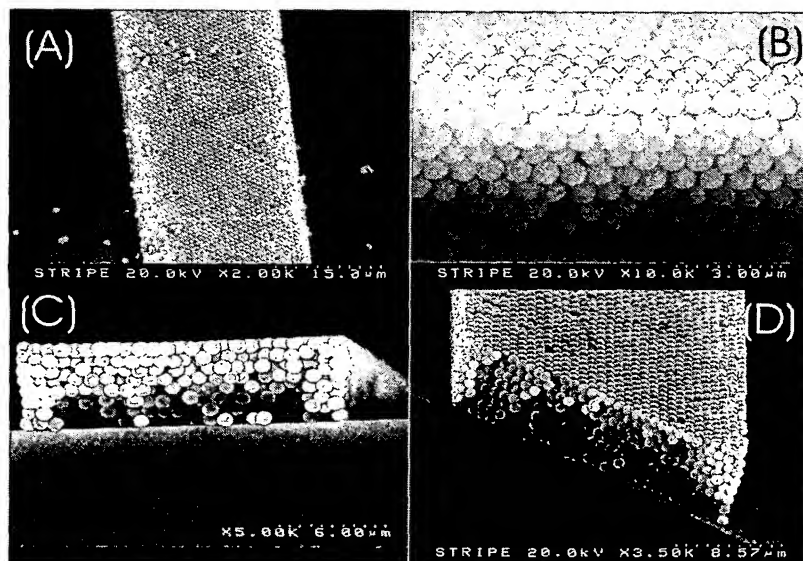


Figure 11b

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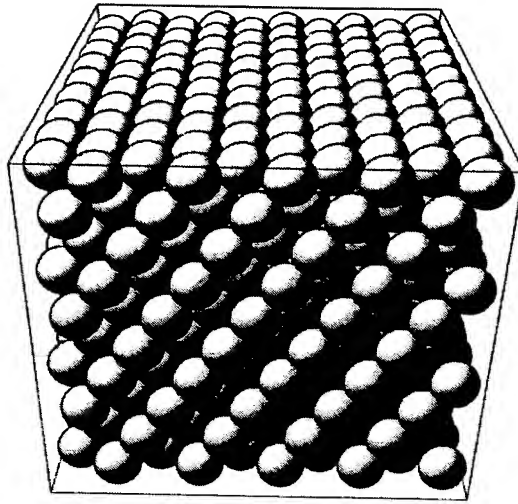


Figure 12a

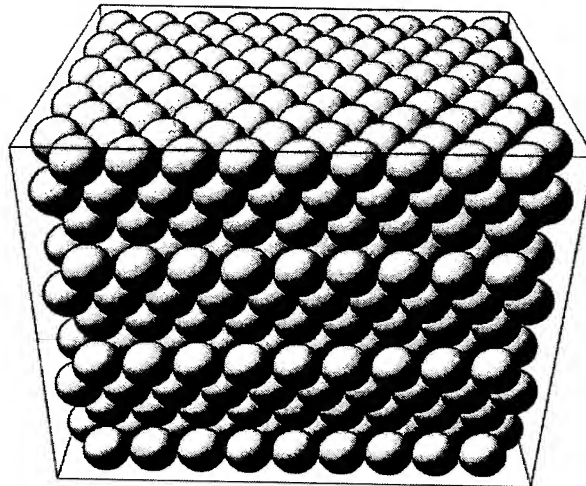


Figure 12b

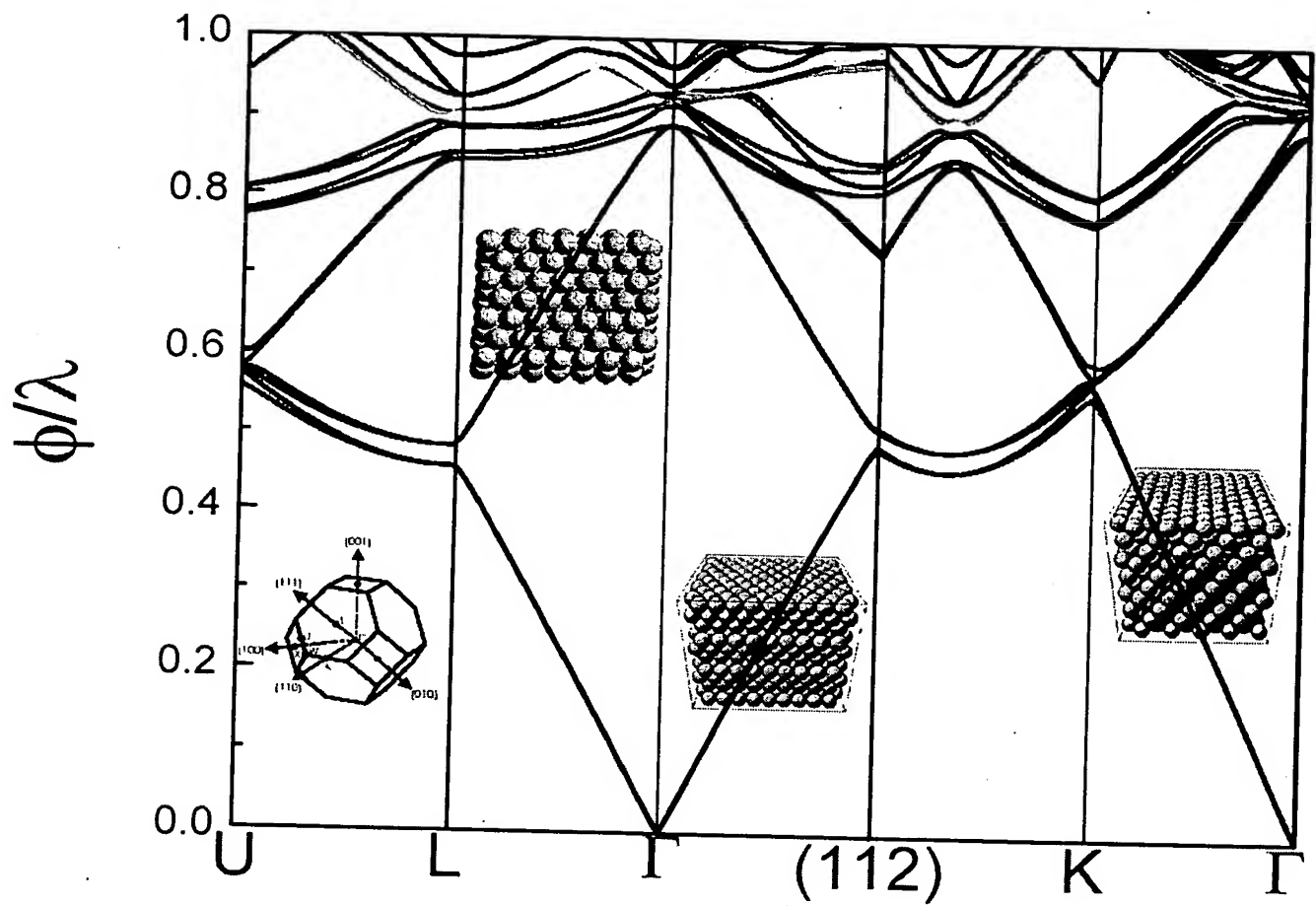


Figure 13

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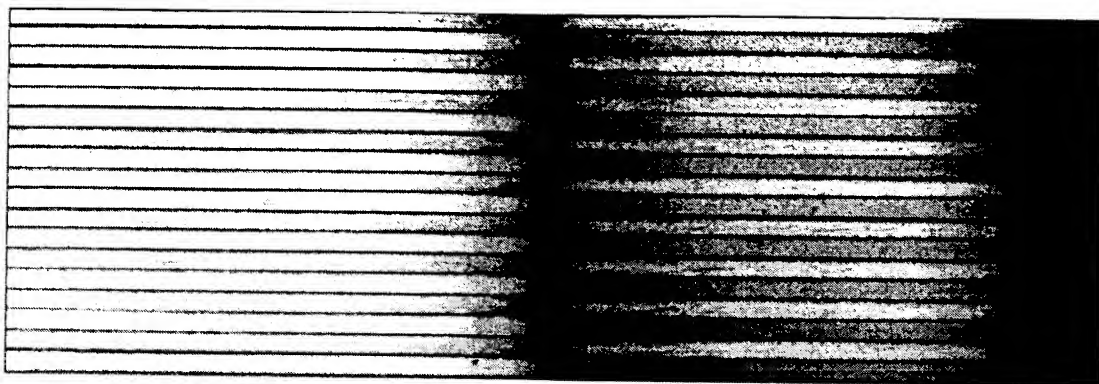


Figure 14

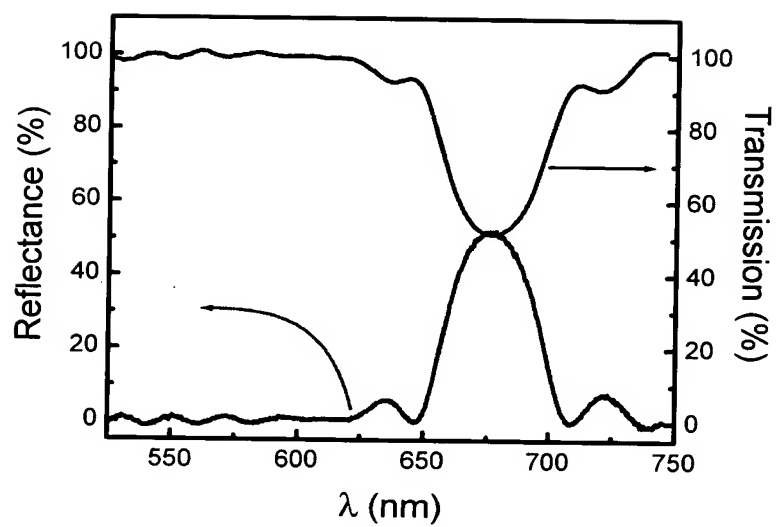


Figure 15

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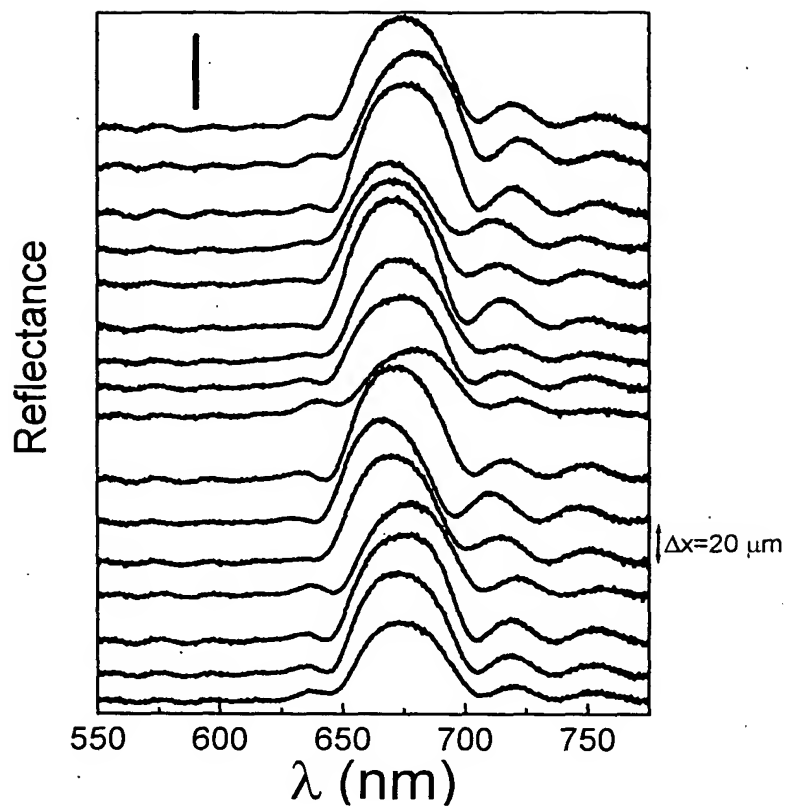


Figure 16a

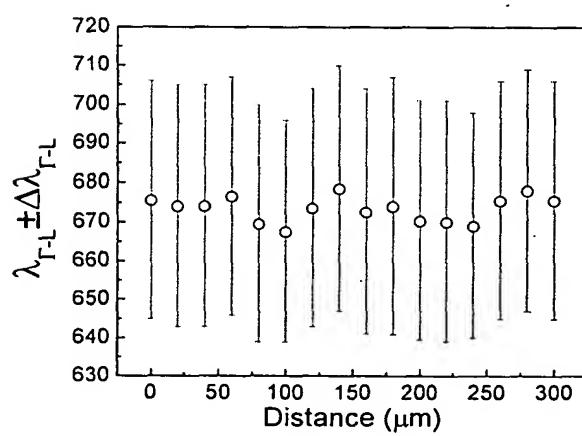


Figure 16b

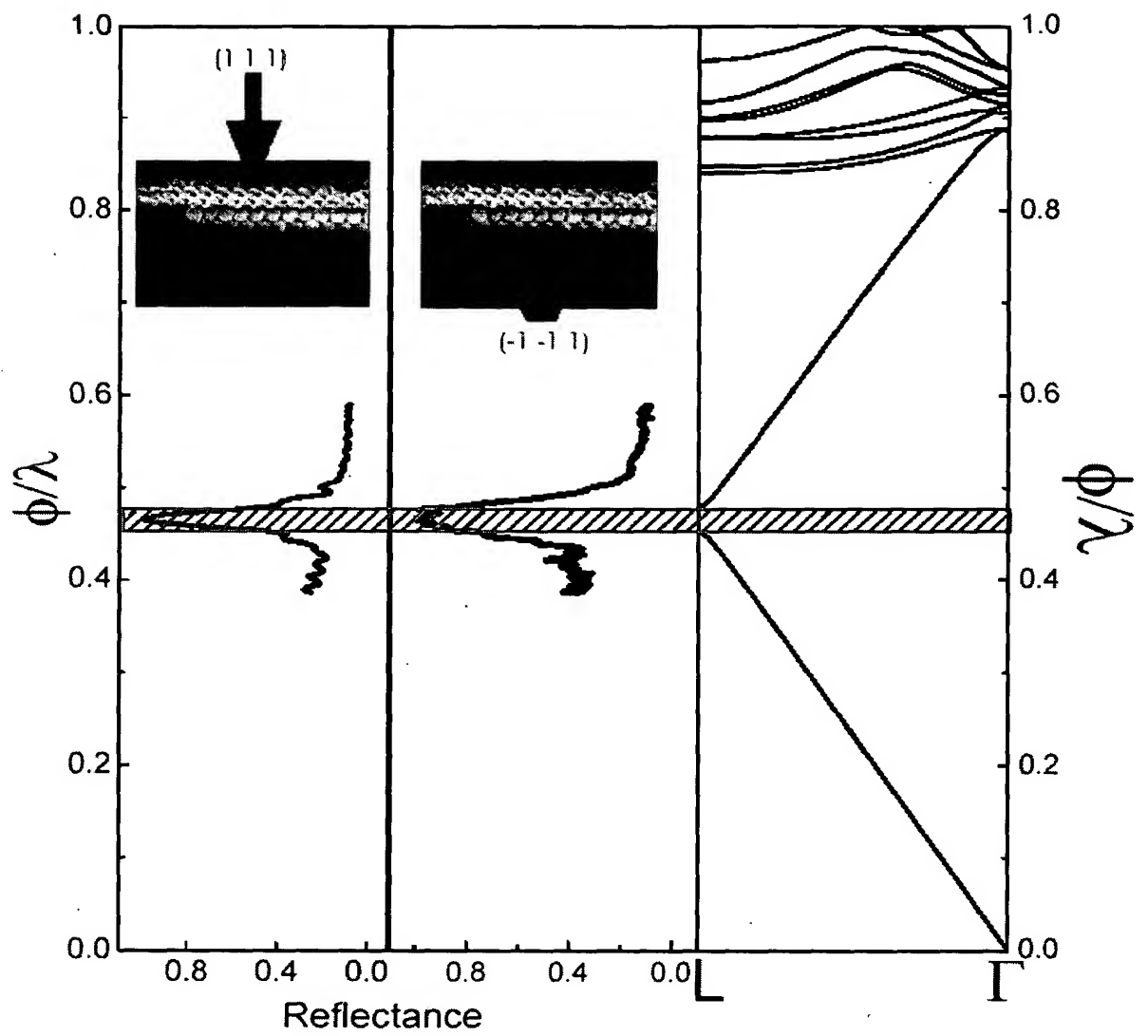


Figure 17

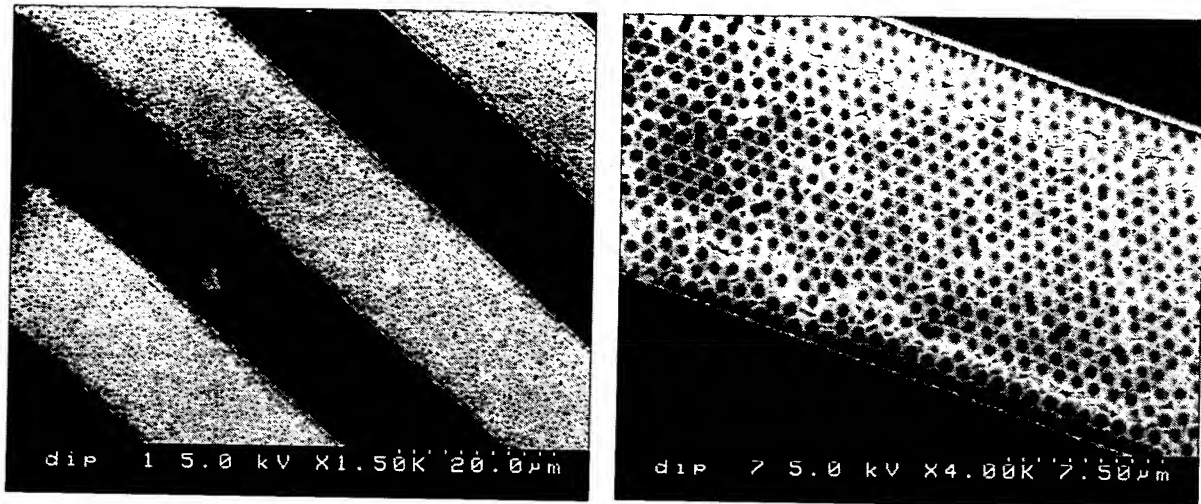


Figure 18

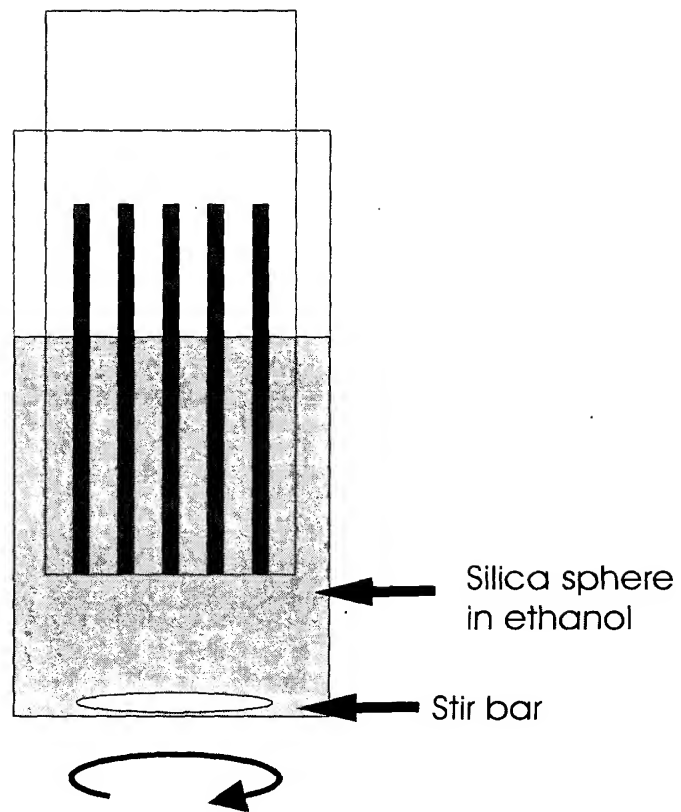


Figure 19

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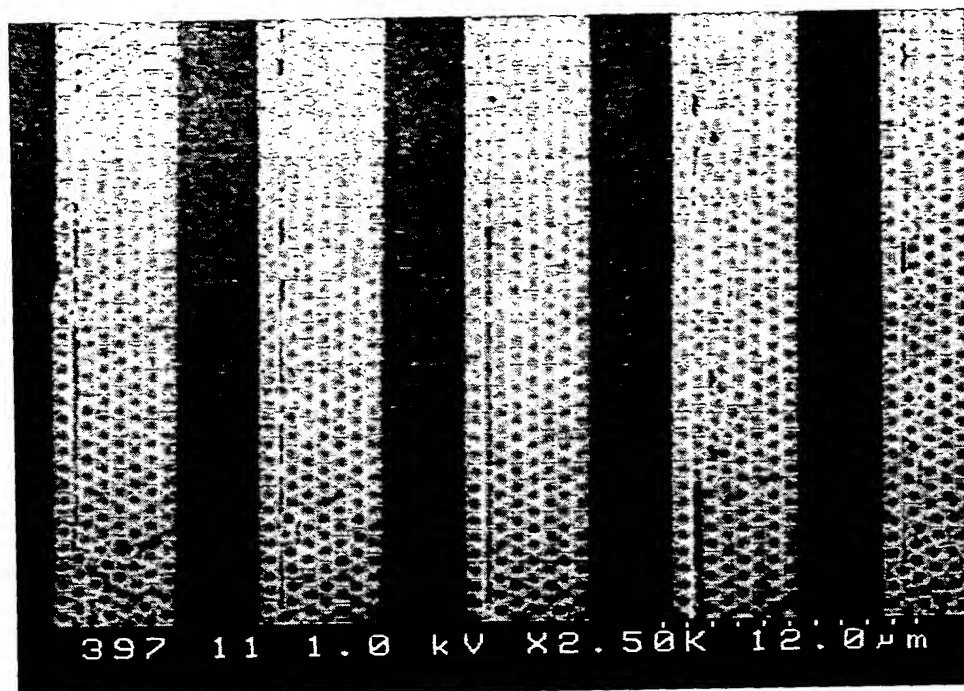


Figure 20a

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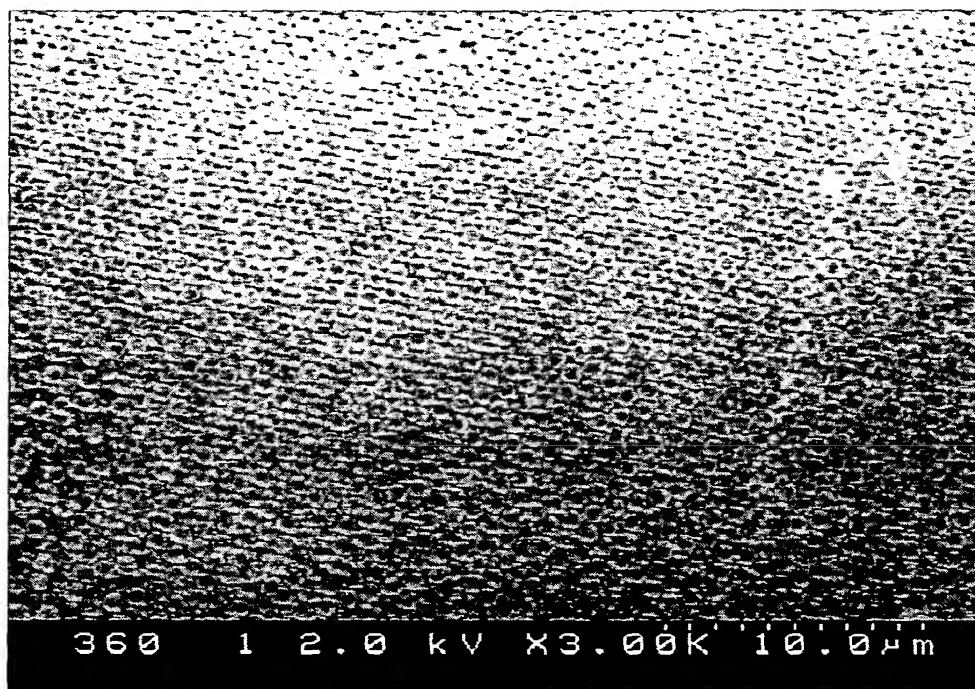


Figure 20b

INTEGRATED PHOTONIC CHIP: IN-WAFER PATTERNED PHOTONIC CRYSTALS AND OPTICAL FIBERS

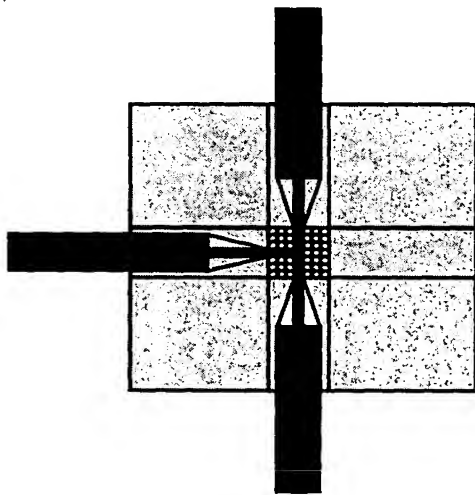


Figure 21a

Top View Of Photonic Chip

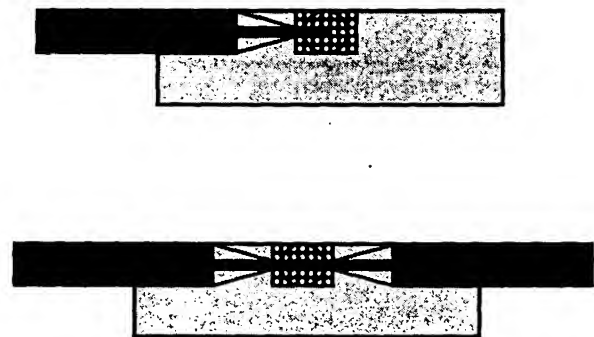
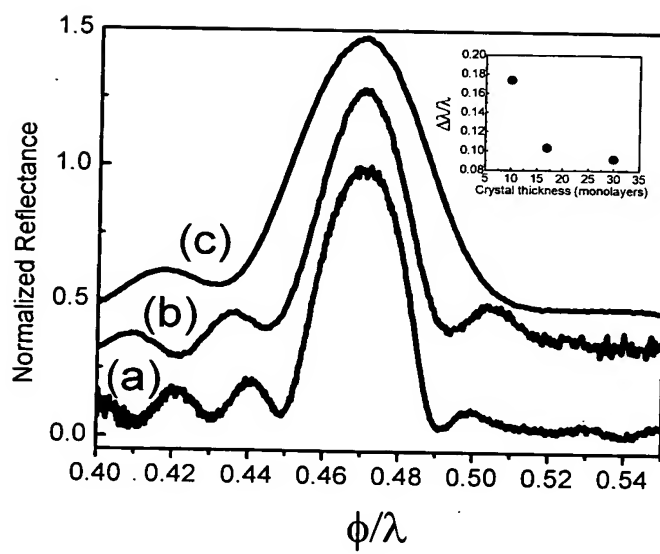


Figure 21b,c

Side Views Of Photonic Chip

**Figure 22**

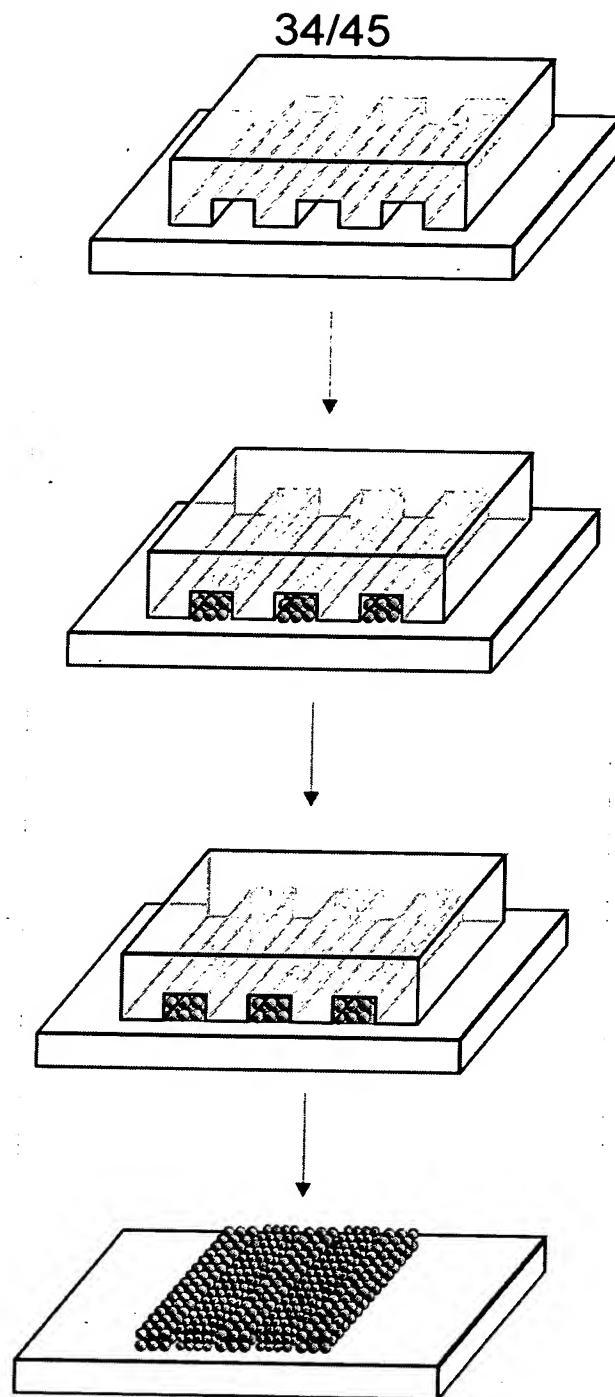


Figure 23a

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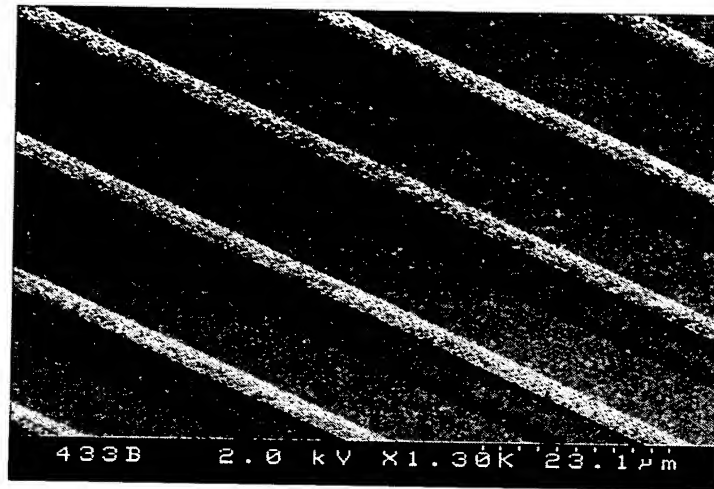


Figure 23b

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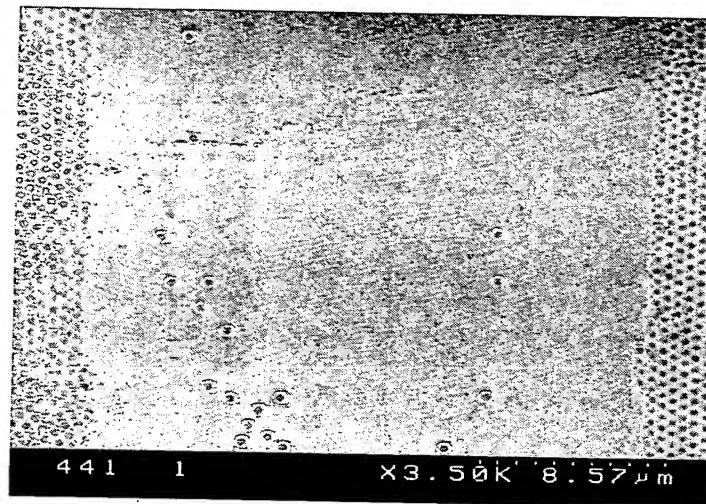
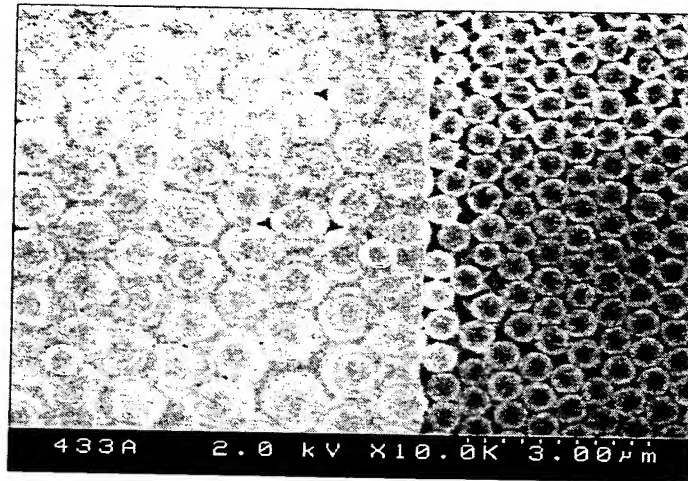


Figure 23c

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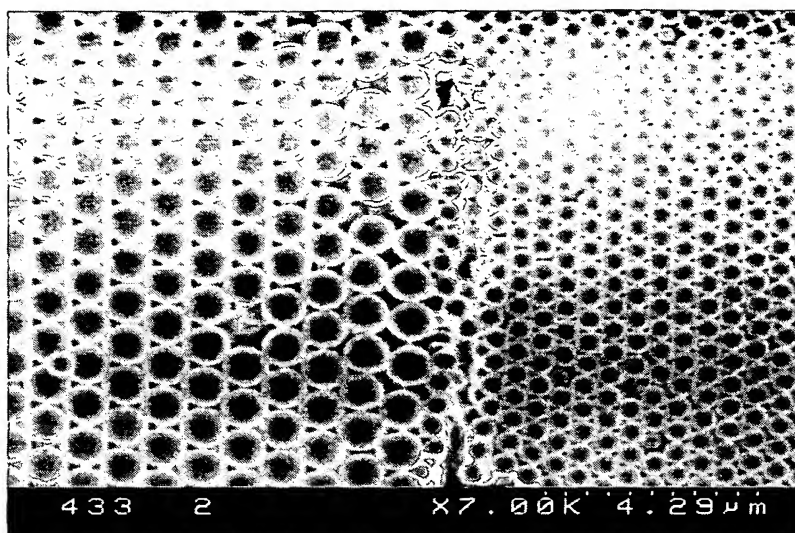


Figure 23d

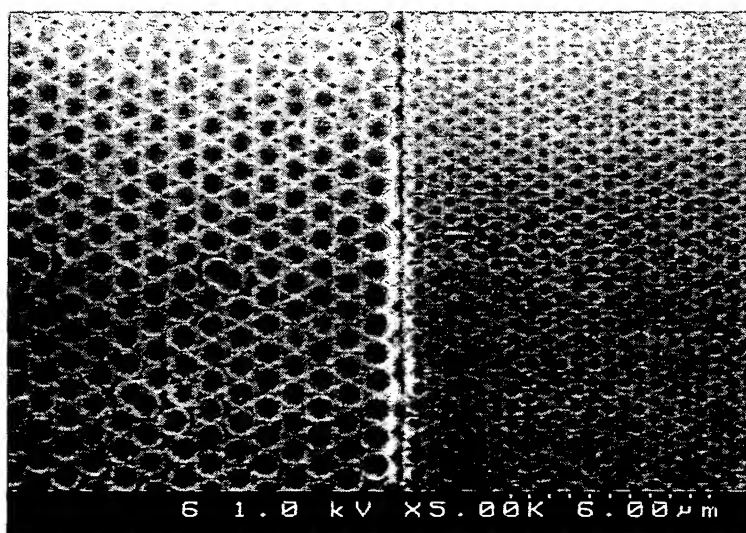
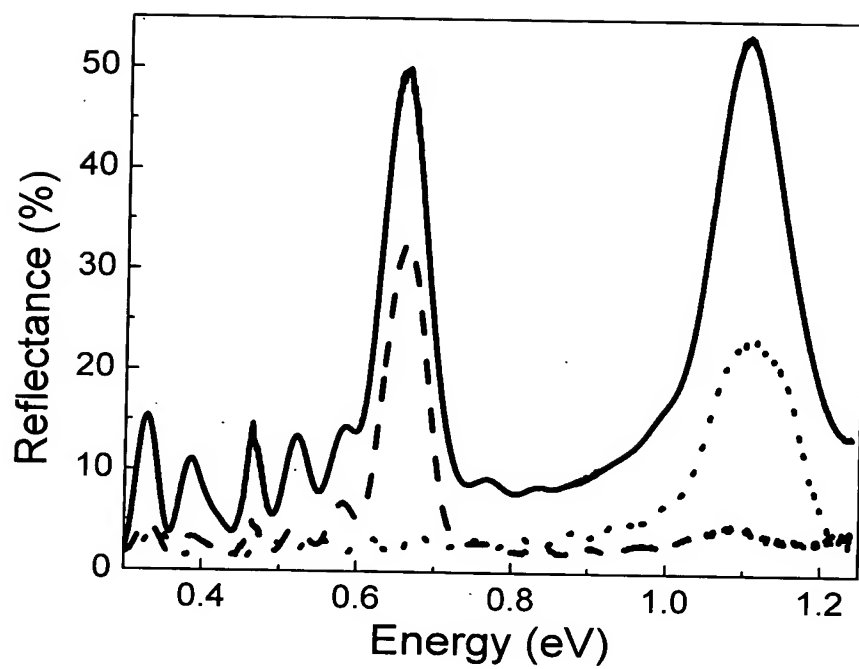


Figure 23e

**Figure 24**

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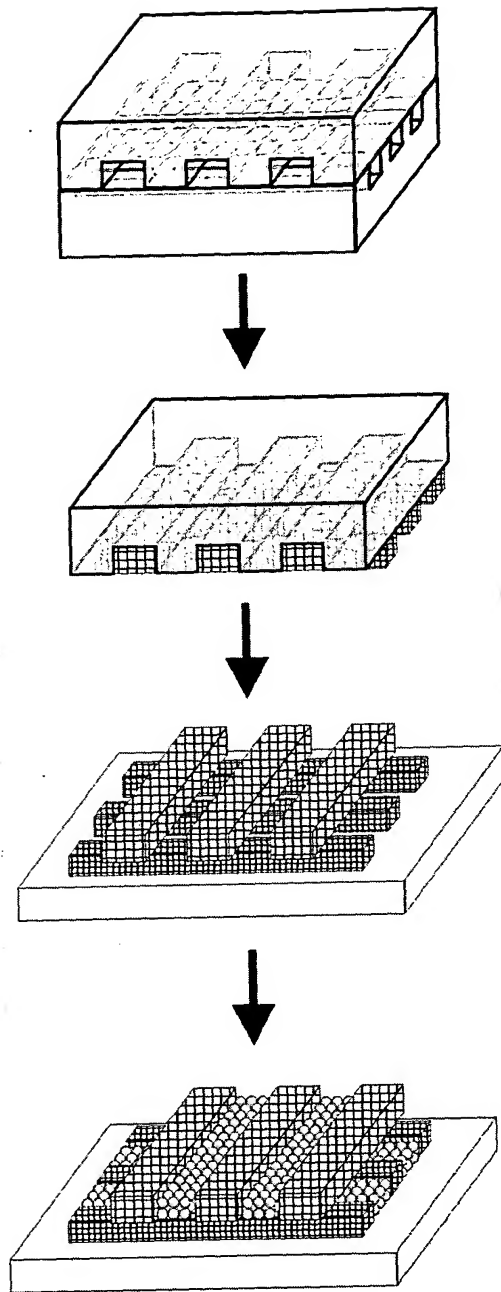


Figure 25a

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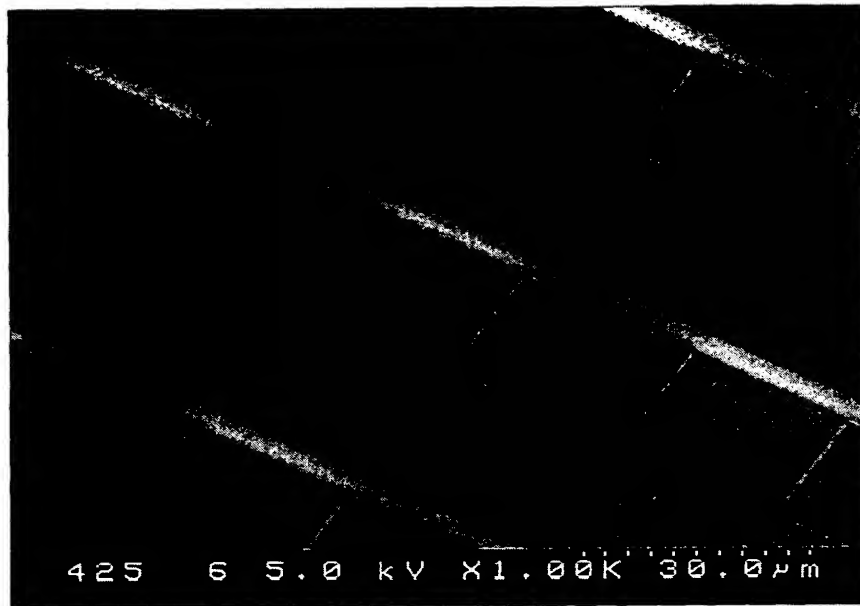


Figure 25b

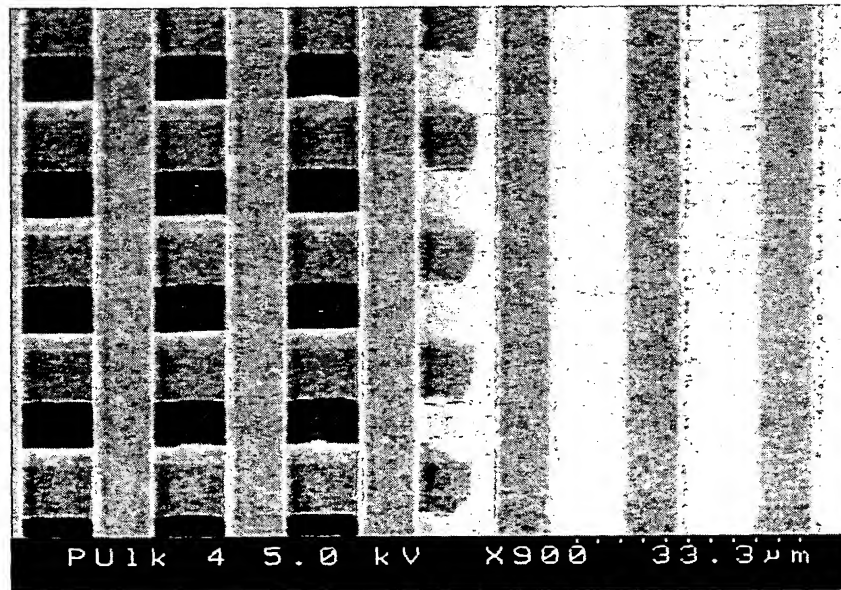


Figure 25c

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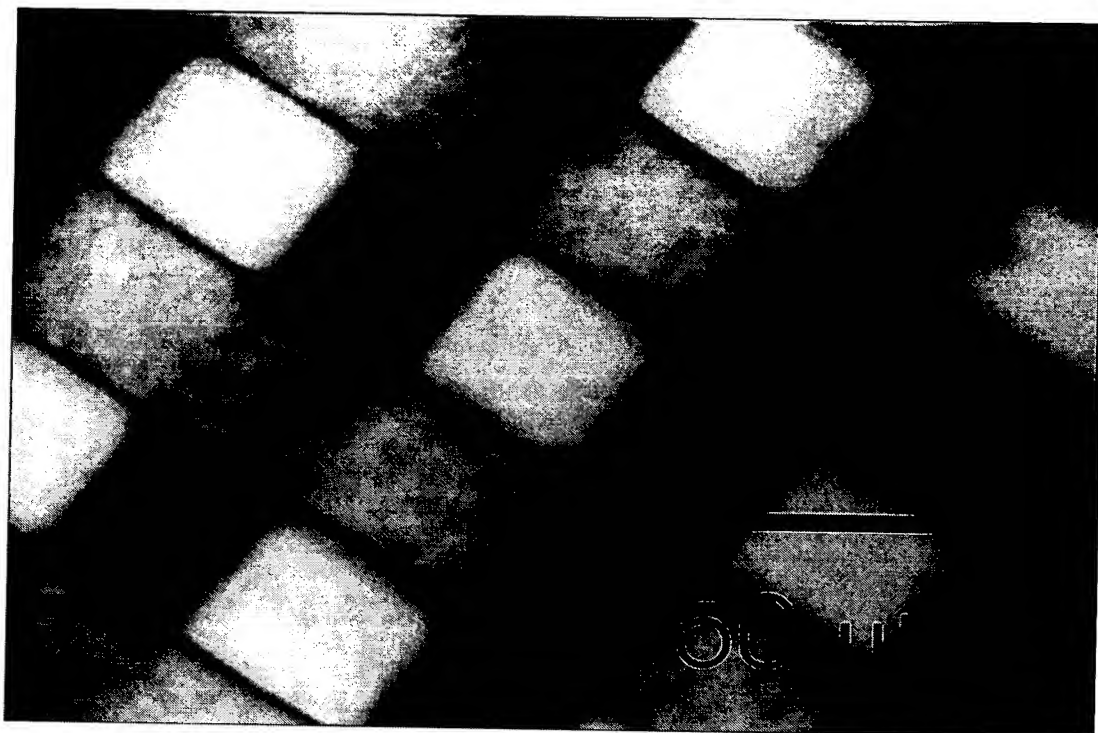


Figure 26

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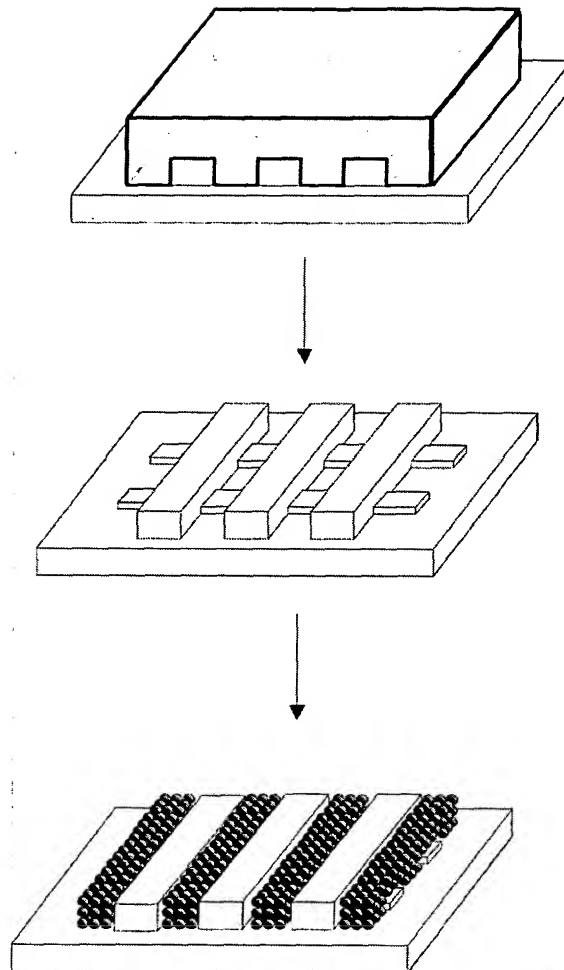


Figure 27a

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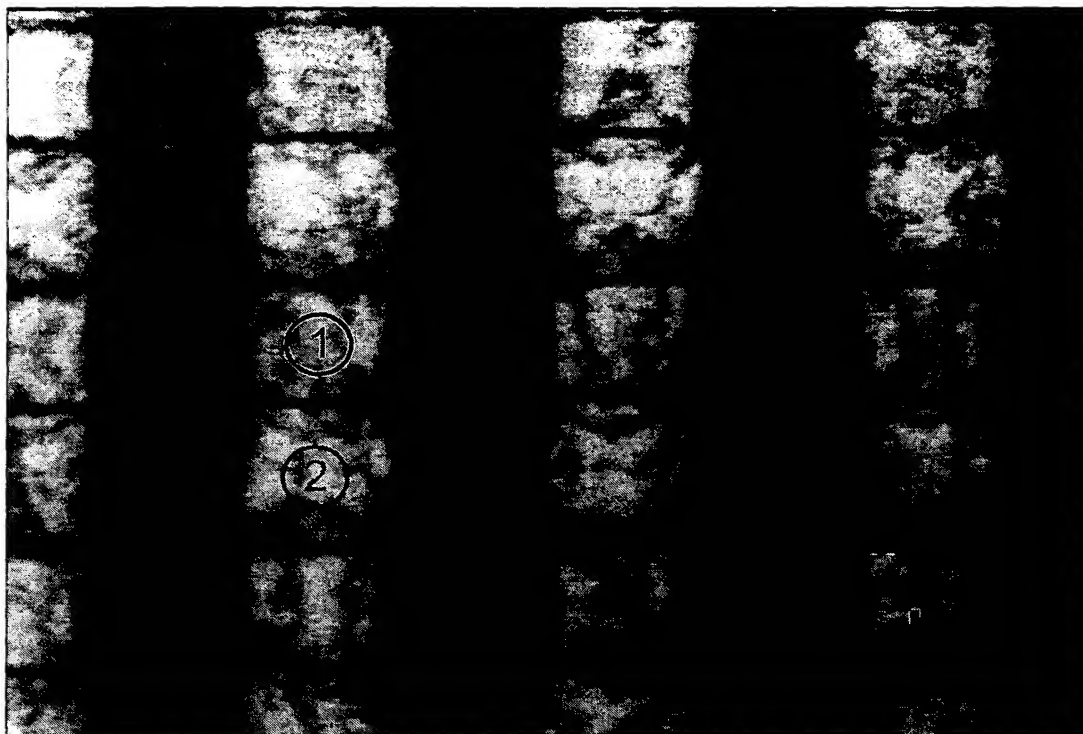
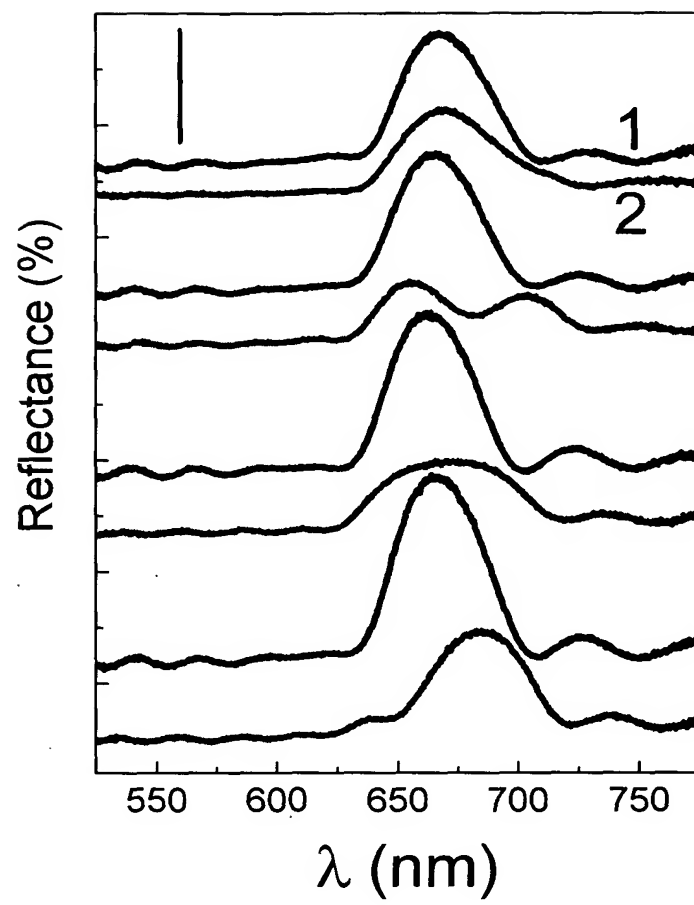


Figure 28a

**Figure 28b**

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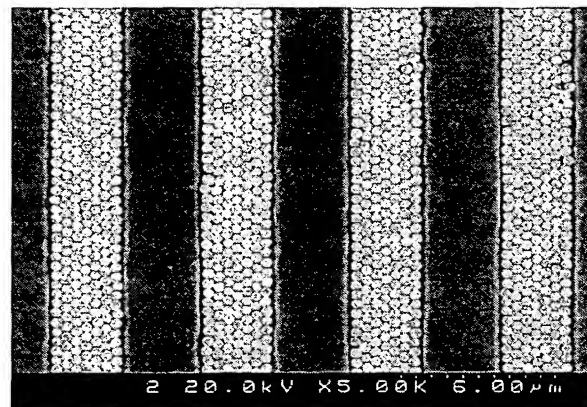
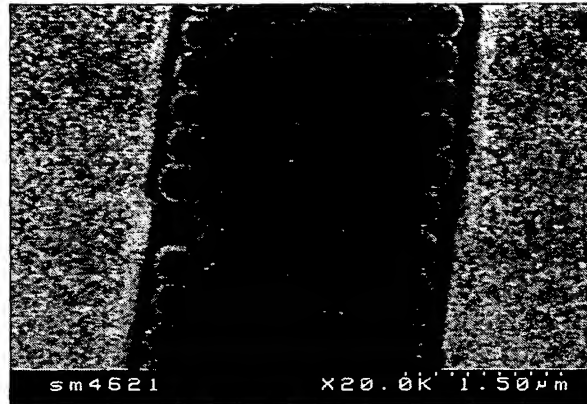


Figure 29